

~~SECRET~~

15 October 1962

25X1
MEMORANDUM FOR: [] Logistics
FROM : [] TP&DS
25X1
SUBJECT : Evaluation of [] Model 45 Multimotion Light
Table Prototype

The instrument is not acceptable for the following reasons.

- a. The modifications specified in TPDS Memo dated 22 May 1962 have not been adequately provided.
- b. No slide for manually positioning the microscope pod over the table was provided; instead an "S" casting was added between the arm and stand that imposes excessive strain on the 31-26-95 stand and amplifies room vibrations beyond acceptable tolerances.
- c. The rotational movement of the light table is inhibited by the table tilting screw.
- d. The table tilting mechanism is no more than a threaded brass rod which has no handle or knob for the operator to grasp. It is unreasonable to expect the operator to grasp bare threads to turn the screw and elevate the table. A lead screw and scissor lever elevating mechanism was suggested on 16 May 1962 when the technical monitor visited the vendor's plant.
- e. The viewing surface was not secured to the light table and the glass slipped off the table during checks of the tilting mechanism. In addition, the glass top was of window glass quality with sharp edges entirely unsuitable for a light table handling valuable high resolution films.
- f. The table surface is unevenly lighted. On 11 July 1962, [] communicated this difficulty to NPIC by telephone and stated that the number of tubes would be increased from 8 to 12.

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GROUP 1
Excluded from automatic
downgrading and
declassification